

IN THE CLAIMS:

1. (Canceled)
2. (Currently Amended) The method of claim [[1]] 5 further comprising:
presenting the Web page.
3. (Currently Amended) The method of claim [[1]] 5 further comprising:
selecting another Web page from the plurality of Web pages if the another Web page has
a cumulative rating greater than the threshold.
4. (Currently Amended) The method of claim [[1]] 5, wherein the method is implemented in
a browser program.
5. (Currently Amended) A method in a data processing system for selecting a Web page, the
method comprising:
receiving at least one user interest term;
identifying associative terms, wherein the associative terms are associated with the at
least one user interest term;
weighting the associative terms in response to an identification of the associative terms to
form a set of weighted associative terms based on specified probabilities that the associative
terms are relative to the at least one user interest term;
processing a plurality of Web pages using the set of weighted associative terms to
generate a plurality of cumulative ratings in which each Web page within the plurality of Web
pages has a cumulative rating, wherein the cumulative rating for a particular Web page within the
plurality of Web pages is based on the set of weighted associative terms. ~~The method of claim 1,~~
wherein the cumulative rating of the particular Web page is 100 percent minus the probability
that the particular Web page is irrelevant, and wherein the probability that the particular Web
page is irrelevant is determined by multiplying differences between 100 percent and each of the
set of weighted associative terms; and

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selecting the Web page as a Web page having a selected cumulative rating greater than a threshold.

6. (Currently Amended) The method of claim [[1]] 5, wherein the data structure is a database.
7. (Currently Amended) The method of claim [[1]] 5 further comprising:
identifying additional associative terms using parsing logic, wherein the additional associative terms are associated with at least one subject matter term gathered from a displayed Web page selected by a user.
8. (Canceled)
9. (Currently Amended) The method of claim [[8]] 10 further comprising:
presenting the document.
10. (Currently Amended) A method in a data processing system for processing documents, the method comprising:
assigning weights to a set of terms, wherein the set of terms is associated with at least one particular term of interest and wherein each term within the set of terms is associated with a weight to form a weighted set of terms based on specified probabilities that the set of terms is relative to the at least one particular term of interest;
selecting a document from a group of documents using the weighted set of terms; and
The method of claim 8, wherein the selecting step comprises:
generating a cumulative weight for each document within the group of documents,
wherein the cumulative weight is 100 percent minus the probability that a particular document is irrelevant, and wherein the probability that a particular document is irrelevant is determined by multiplying differences between 100 percent and the weights for each term within the weighted set of terms;

comparing the cumulative weight for each document with a threshold; and
selecting the document as a selected document having a weight cumulative weight greater than the threshold.

11. (Currently Amended) A data processing system comprising:

a bus system;

a communications unit connected to the bus system;

a memory connected to the bus system, wherein the memory includes a set of instructions; and

a processing unit connected to the bus system, wherein the processing unit executes the set of instructions to receive at least one user interest term; identify associative terms, wherein the associative terms are associated with the at least one user interest term; weigh the associative terms in response to an identification of the associative terms to form a set of weighted associative terms based on specified probabilities that the associative terms are relative to the at least one user interest term; processing a plurality of Web pages using the set of weighted associative terms to generate a plurality of cumulative ratings in which each Web page within the plurality of Web pages has a cumulative rating, wherein the cumulative rating for a particular Web page within the plurality of Web pages is based on the set of weighted associative terms; wherein the cumulative rating of the particular Web page is 100 percent minus the probability that the particular Web page is irrelevant, and wherein the probability that the particular Web page is irrelevant is determined by multiplying differences between 100 percent and each of the set of weighted associative terms; and select the Web page as a Web page having a selected cumulative rating greater than a threshold.

12. (Currently Amended) A data processing system comprising:

a bus system;

a communications unit connected to the bus system;

a memory connected to the bus system, wherein the memory includes a set of instructions; and

a processing unit connected to the bus system, wherein the processing unit executes the set of instructions to assign weights to a set of terms, wherein the set of terms is associated with

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at least one particular term of interest and wherein each term within the set of terms is associated with a weight to form a weighted set of terms based on specified probabilities that the set of terms is relative to the at least one particular term of interest; ~~and select a document from a group of documents using the weighted set of terms; generate a cumulative weight for each document within the group of documents, wherein the cumulative weight is 100 percent minus the probability that a particular document is irrelevant, and wherein the probability that a particular document is irrelevant is determined by multiplying differences between 100 percent and the weights for each term within the weighted set of terms; compare the cumulative weight for each document with a threshold; and select the document as a selected document having a weight cumulative weight greater than the threshold.~~

13. (Canceled)

14. (Currently Amended) The data processing system of claim ~~[[13]]~~ 17 further comprising: presenting means for presenting the Web page.

15. (Currently Amended) The data processing system of claim ~~[[13]]~~ 17, wherein the selecting means is a first selecting means and further comprising:
second selecting means for selecting another Web page from the plurality of Web pages if the another Web page has a cumulative rating greater than the threshold.

16. (Currently Amended) The data processing system of claim ~~[[13]]~~ 17, wherein the identifying means, weighting means, processing means, and selecting means are located in a browser program.

17. (Currently Amended) A data processing system for selecting a Web page, the data processing system comprising:

receiving means receiving at least one user interest term;

identifying means identifying associative terms, wherein the associative terms are associated with the at least one user interest term;

weighting means weighting the associative terms in response to an identification of the

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associative terms to form a set of weighted associative terms based on specified probabilities that the associative terms are relative to the at least one user interest term:

processing means processing a plurality of Web pages using the set of weighted associative terms to generate a plurality of cumulative ratings in which each Web page within the plurality of Web pages has a cumulative rating, wherein the cumulative rating for a particular Web page within the plurality of Web pages is based on the set of weighted associative terms.
~~The data processing system of claim 13,~~ wherein the cumulative rating of the particular Web page is 100 percent minus the probability that the particular Web page is irrelevant, and wherein the probability that the particular Web page is irrelevant is determined by multiplying differences between 100 percent and each of the set of weighted associative terms; and

selecting means selecting the Web page as a Web page having a selected cumulative rating greater than a threshold.

18. (Currently Amended) The data processing system of claim ~~[[13]]~~ 17, wherein the data structure is a database.

19. (Currently Amended) The data processing system of claim ~~[[13]]~~ 17 further comprising:
wherein the identifying means identifies additional associative terms using parsing logic, wherein the additional associative terms are associated with at least one subject matter term gathered from a displayed Web page selected by a user.

20. (Canceled)

21. (Currently Amended) The data processing system of claim ~~[[20]]~~ 22 further comprising:
presenting means for presenting the document.

22. (Currently Amended) A data processing system for processing documents, the data processing system comprising:

assigning means assigning weights to a set of terms, wherein the set of terms is associated with at least one particular term of interest and wherein each term within the set of terms is associated with a weight to form a weighted set of terms based on specified probabilities that the

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set of terms is relative to the at least one particular term of interest;

selecting means selecting a document from a group of documents using the weighted set of terms; and

~~The data processing system of claim 20, wherein the selecting means comprises:~~

generating means for generating a cumulative weight for each document within the group of documents, wherein the cumulative weight is 100 percent minus the probability that a particular document is irrelevant, and wherein the probability that a particular document is irrelevant is determined by multiplying differences between 100 percent and the weights for each term within the weighted set of terms;

comparing means for comparing the cumulative weight for each document with a threshold; and

means for selecting the document as a selected document having a weight cumulative weight greater than the threshold.

23. (Currently Amended) A computer program product in a computer readable medium for selecting a Web page, the computer program product comprising:

first instructions for receiving at least one user interest term;

second instructions for identifying associative terms, wherein the associative terms are associated with the at least one user interest term;

third instructions for weighting the associative terms in response to an identification of the associative terms to form a set of weighted associative terms based on specified probabilities that the associative terms are relative to the at least one user interest term;

fourth instructions for processing a plurality of Web pages using the set of weighted associative terms to generate a plurality of cumulative ratings in which each Web page within the plurality of Web pages has a cumulative rating, wherein the cumulative rating for a particular Web page within the plurality of Web pages is based on the set of weighted associative terms, wherein the cumulative rating of the particular Web page is 100 percent minus the probability that the particular Web page is irrelevant, and wherein the probability that the particular Web page is irrelevant is determined by multiplying differences between 100 percent and each of the set of weighted associative terms; and

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fifth instructions for selecting the Web page as a Web page having a selected cumulative rating greater than a threshold.

24. (Currently Amended) A computer program product in a computer readable medium for processing documents, the computer program product comprising:

first instructions for assigning weights to a set of terms, wherein the set of terms is associated with at least one particular term of interest and wherein each term within the set of terms is associated with a weight to form a weighted set of terms based on specified probabilities that the set of terms is relative to the at least one particular term of interest; and

second instructions for selecting a document from a group of documents using the weighted set of terms; and

wherein the second instructions for selecting comprises:

third instructions for generating a cumulative weight for each document within the group of documents, wherein the cumulative weight is 100 percent minus the probability that a particular document is irrelevant, and wherein the probability that a particular document is irrelevant is determined by multiplying differences between 100 percent and the weights for each term within the weighted set of terms;

fourth instructions for comparing the cumulative weight for each document with a threshold; and

fifth instructions for selecting the document as a selected document having a weight cumulative weight greater than the threshold.